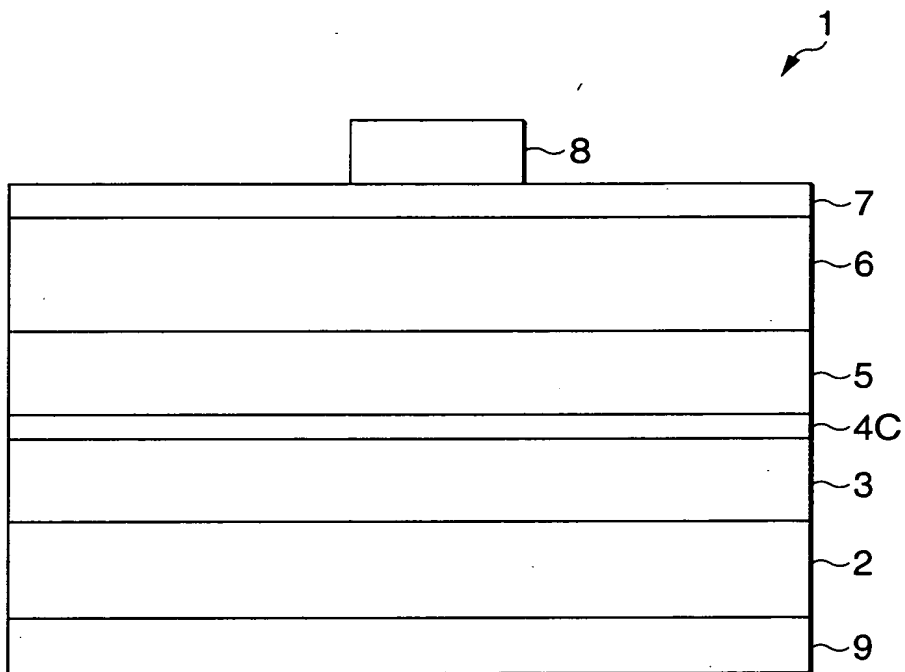




FIG. 1



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FIG.2

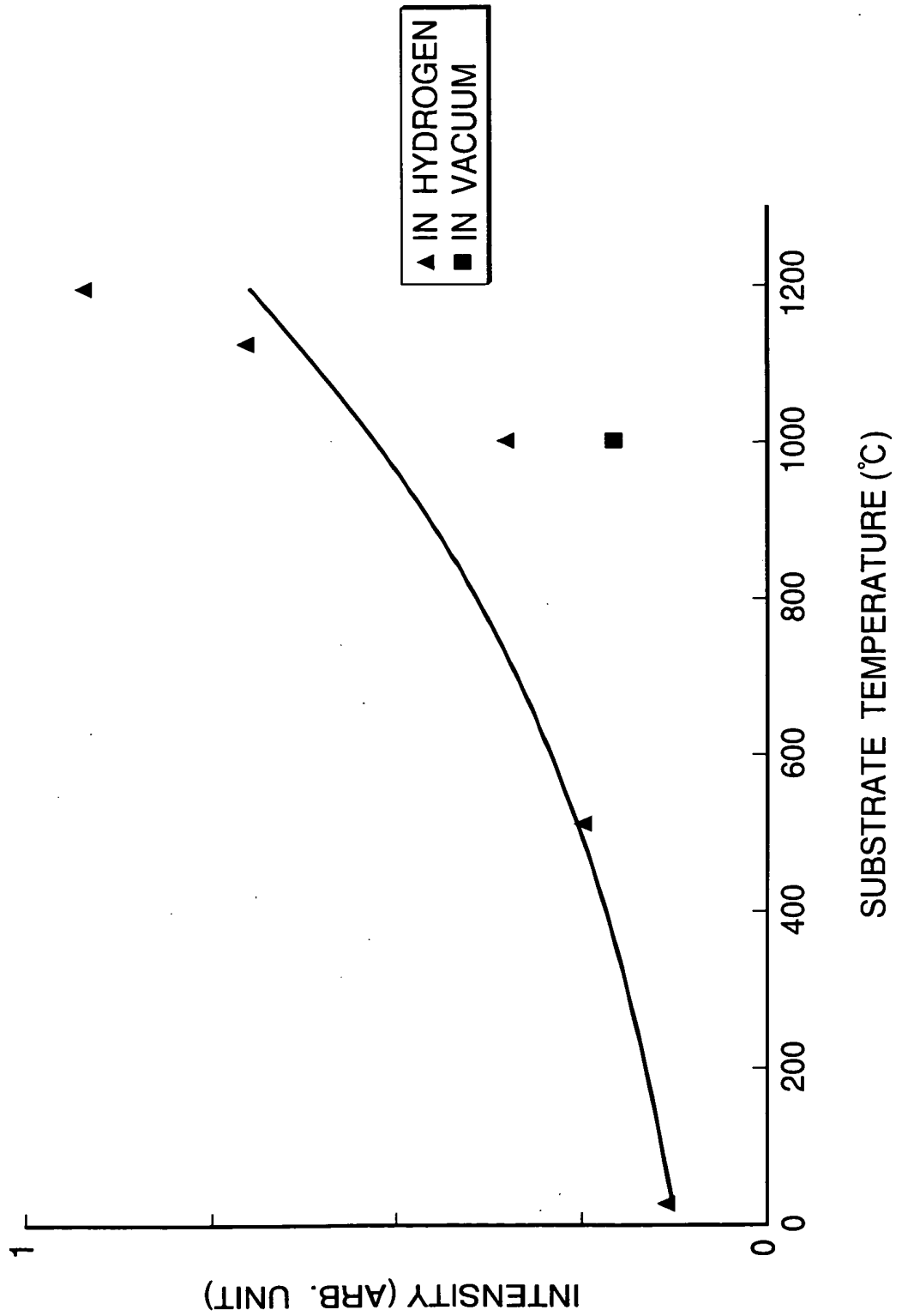




FIG.3

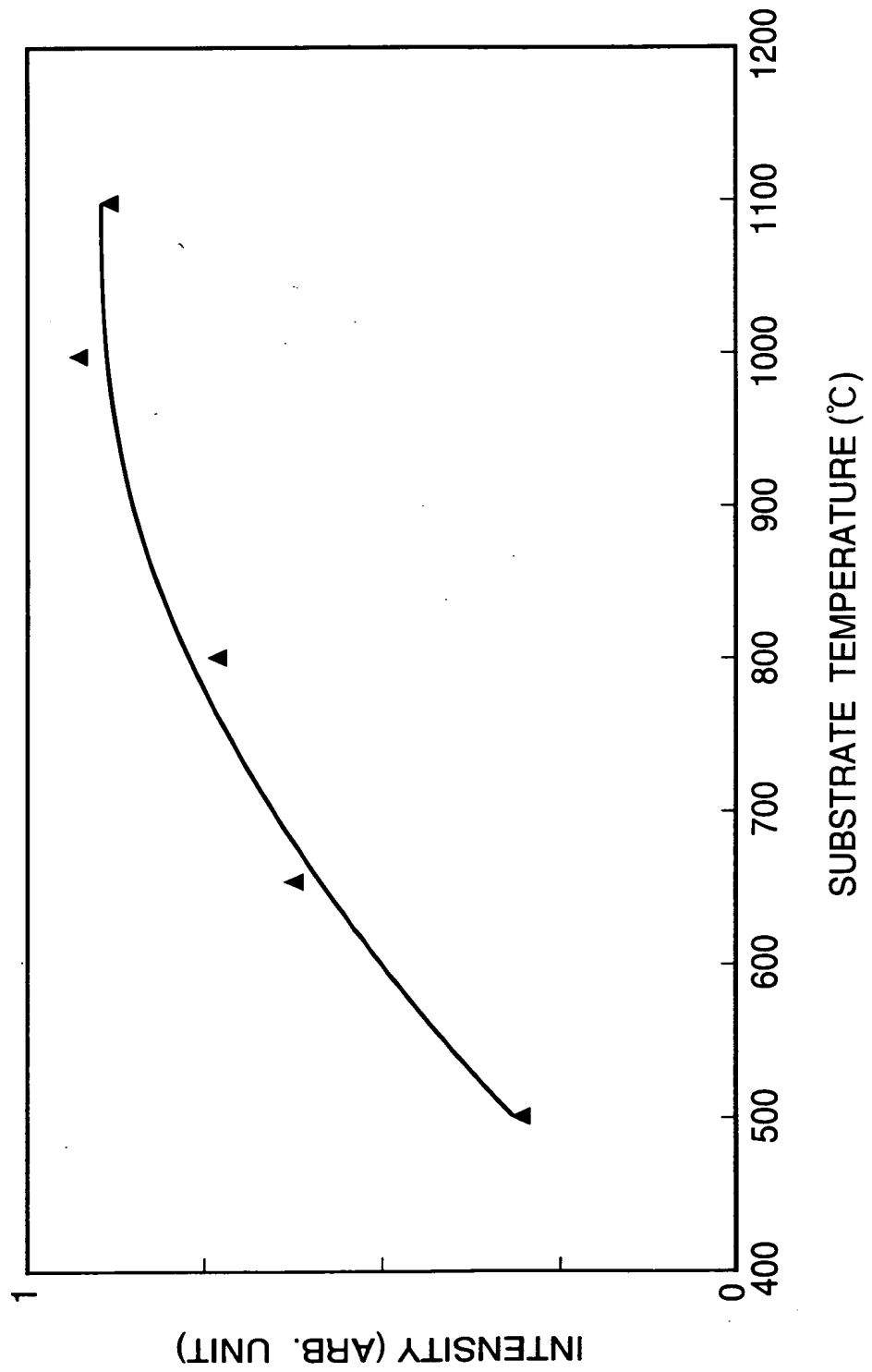
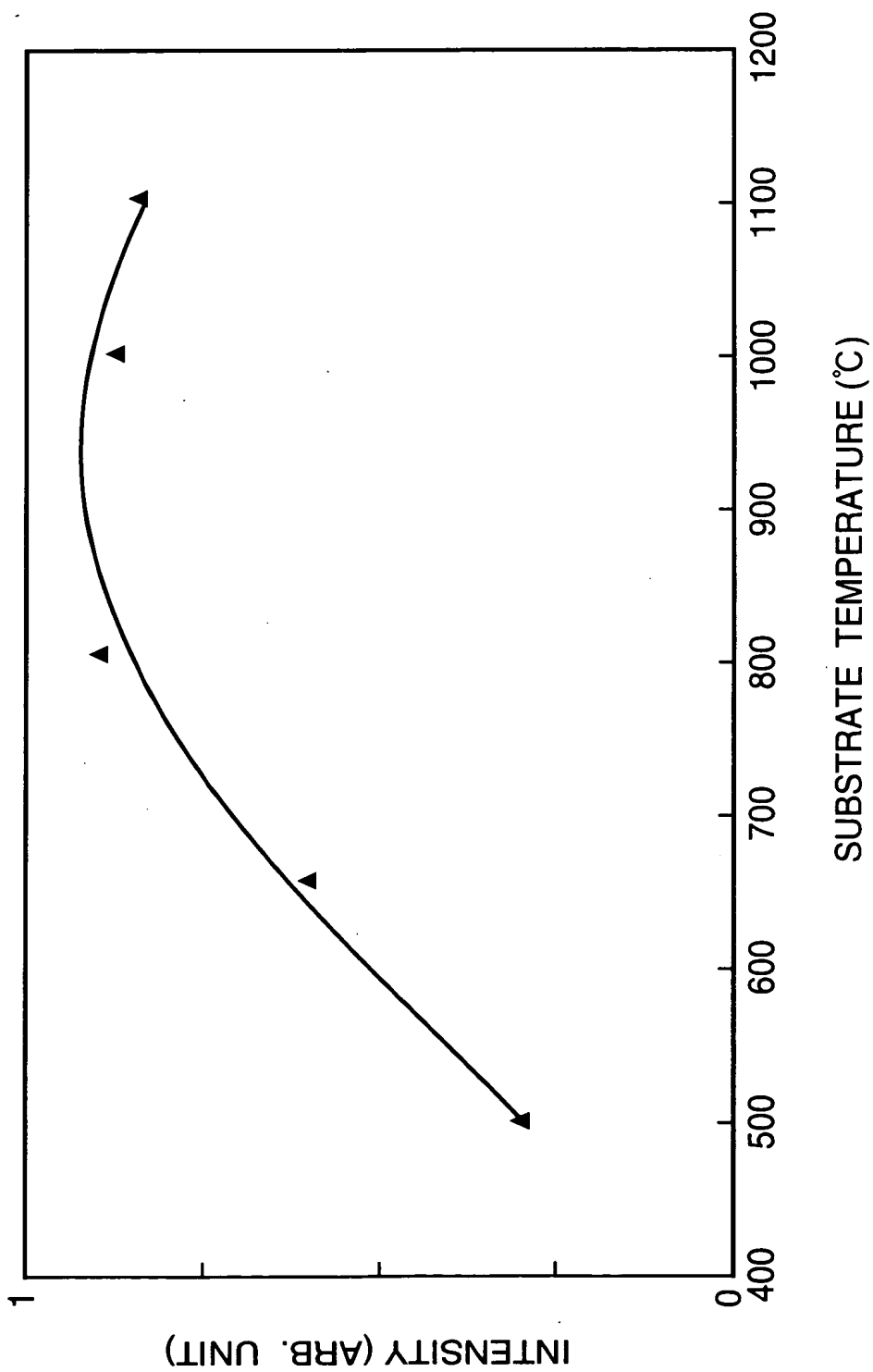




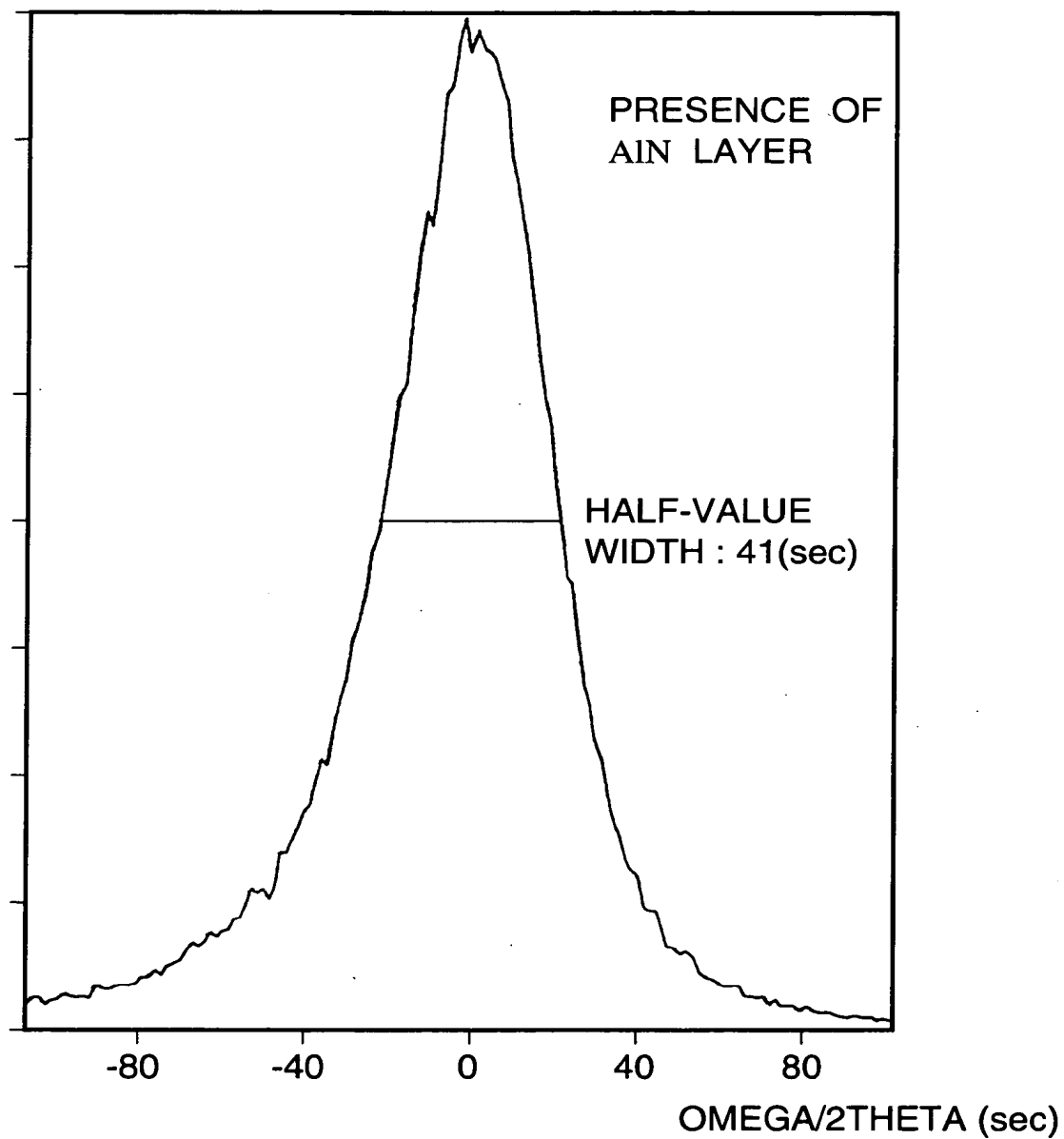
FIG.4



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FIG.5



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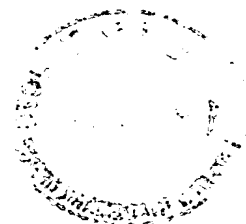
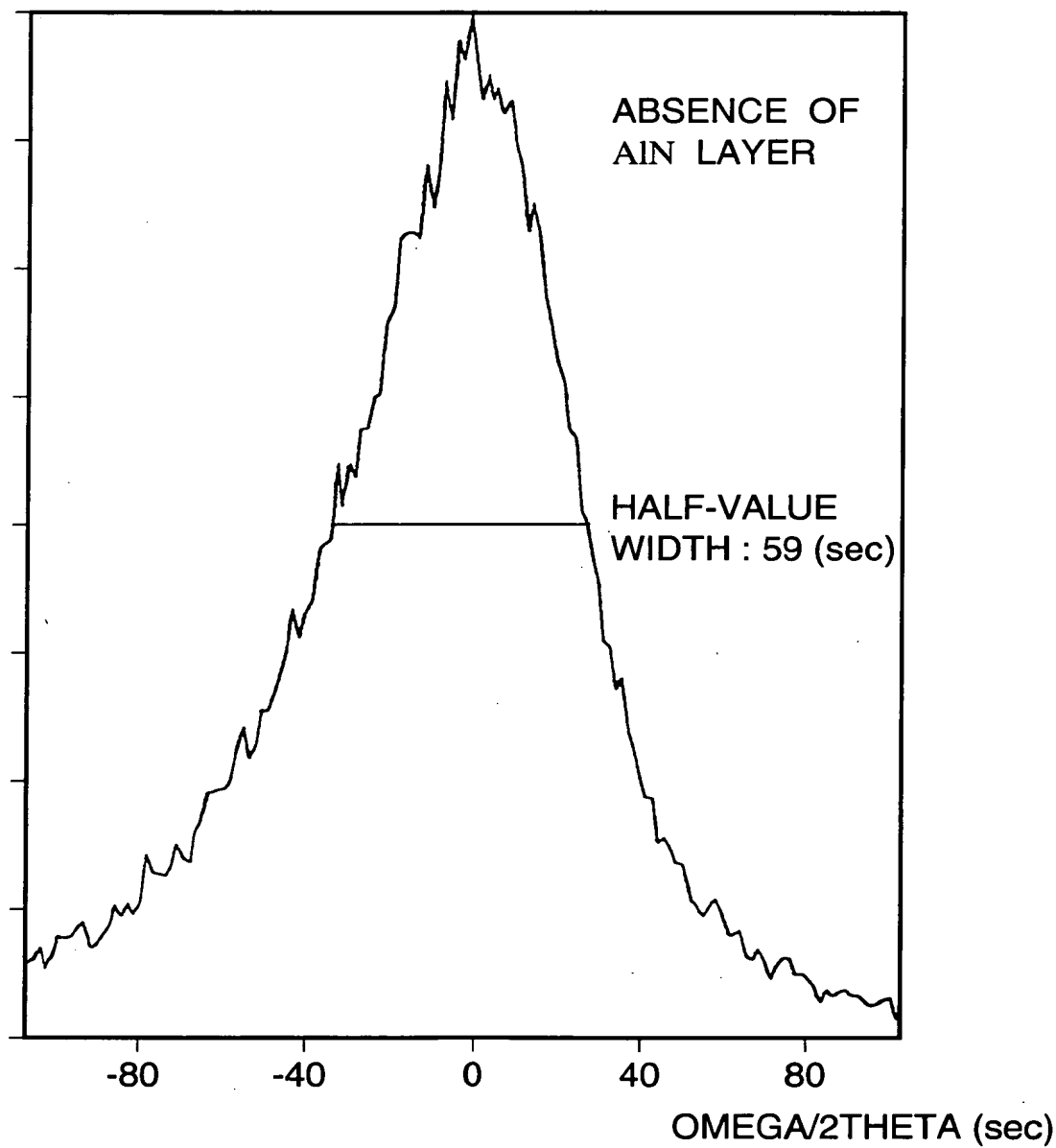


FIG.6

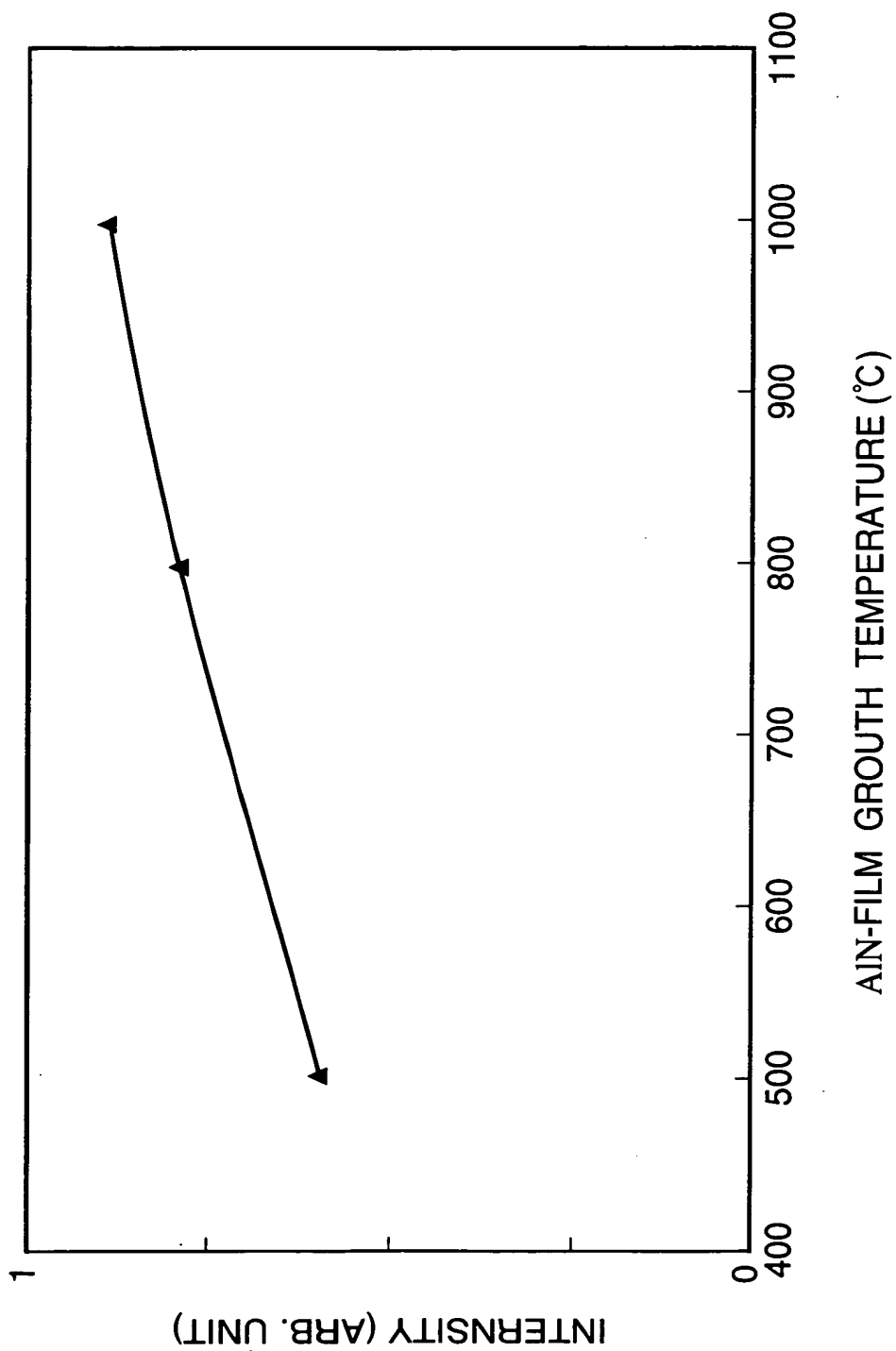


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FIG.7



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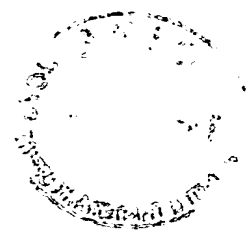
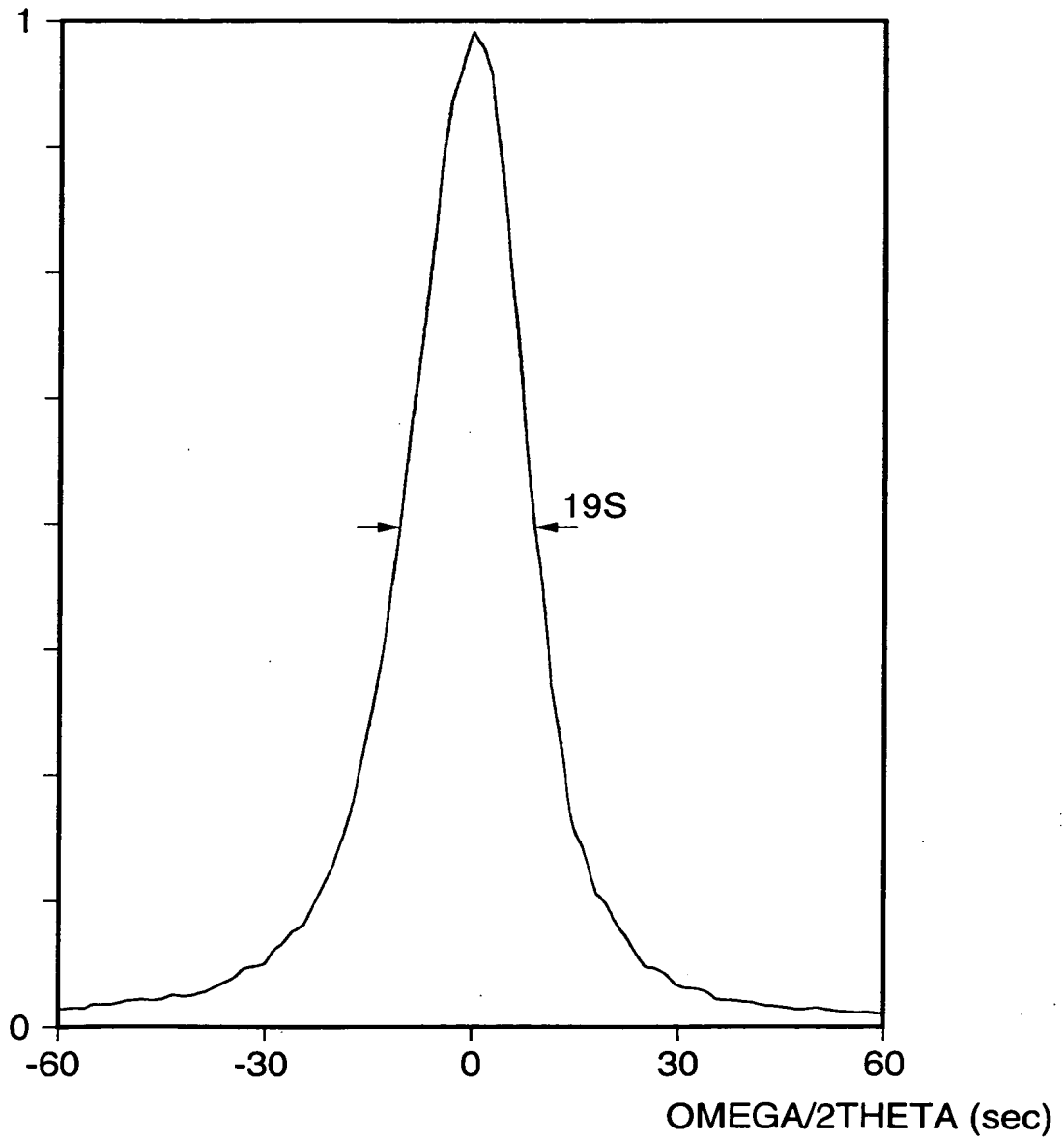


FIG.8

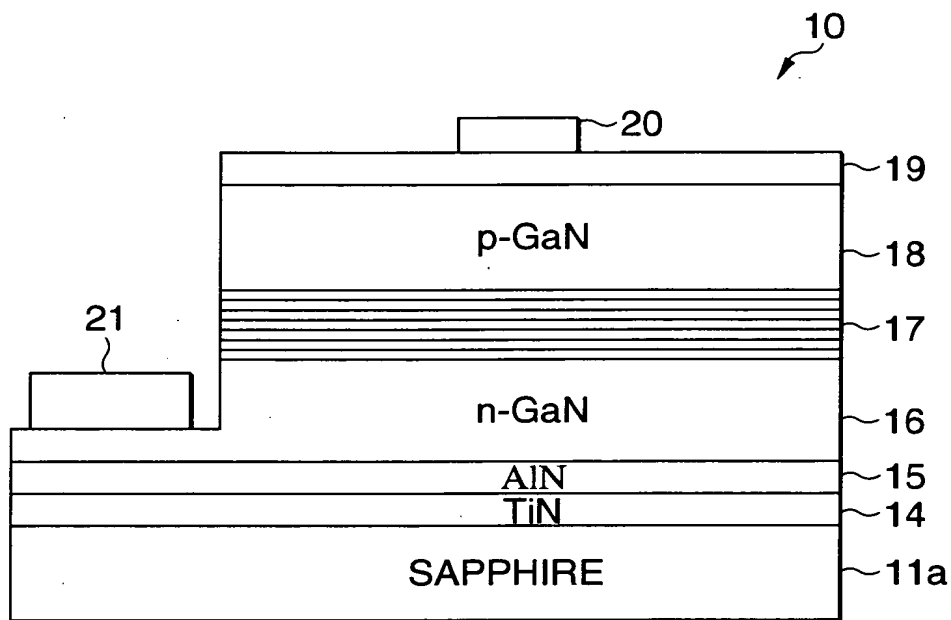
X-RAY ROCKING CURVE
GaN/AlN/TiN/SaP



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FIG.9

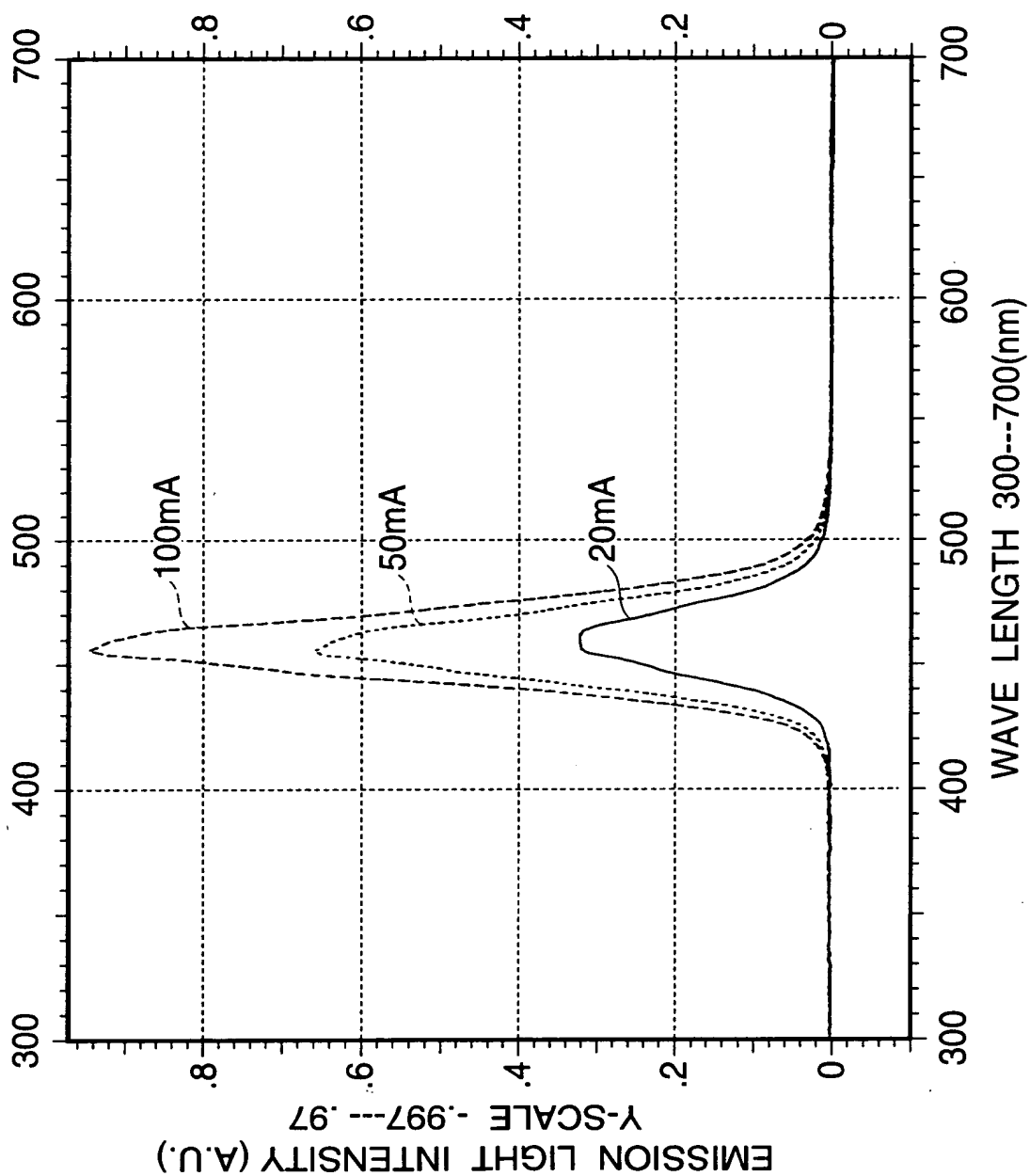


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FIG.10



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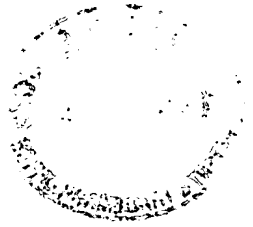
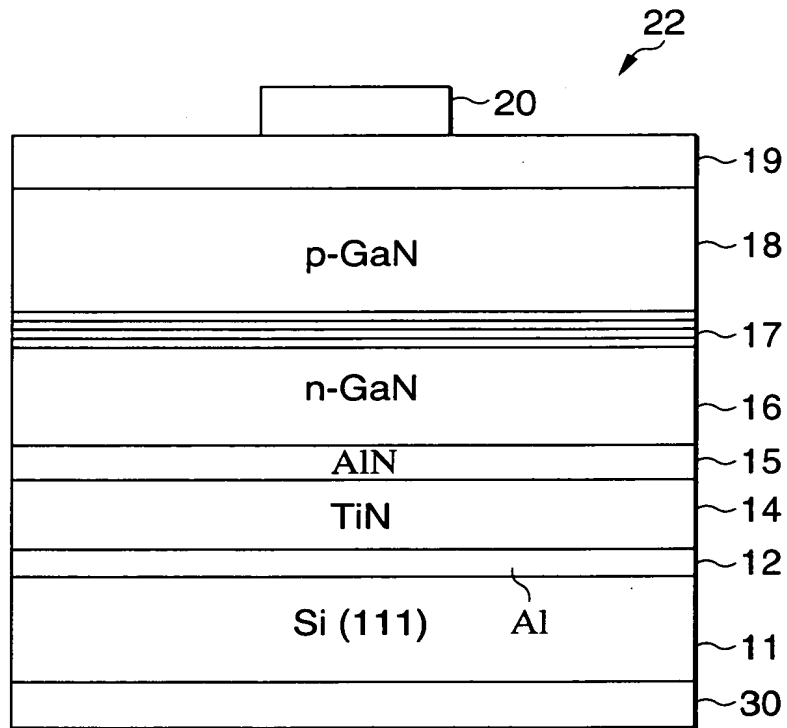


FIG.11

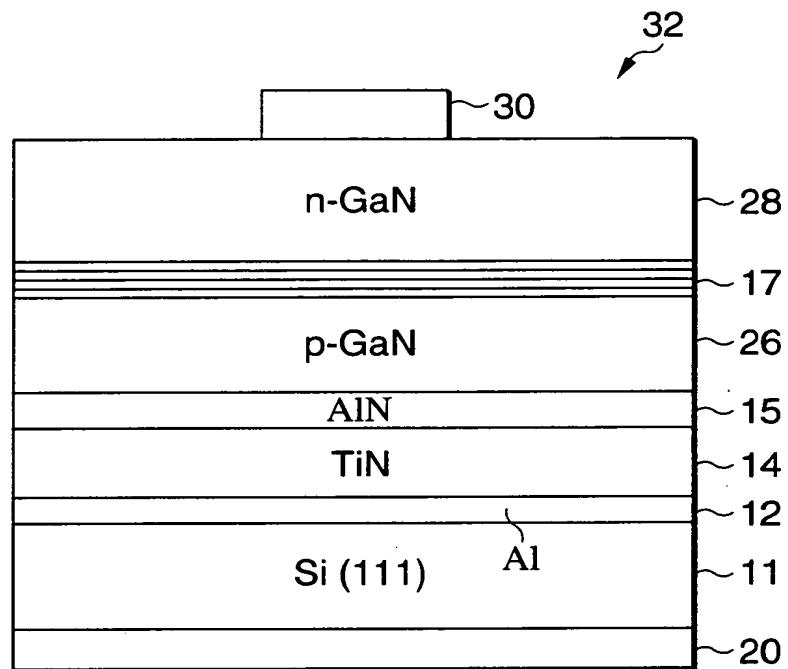


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FIG.12

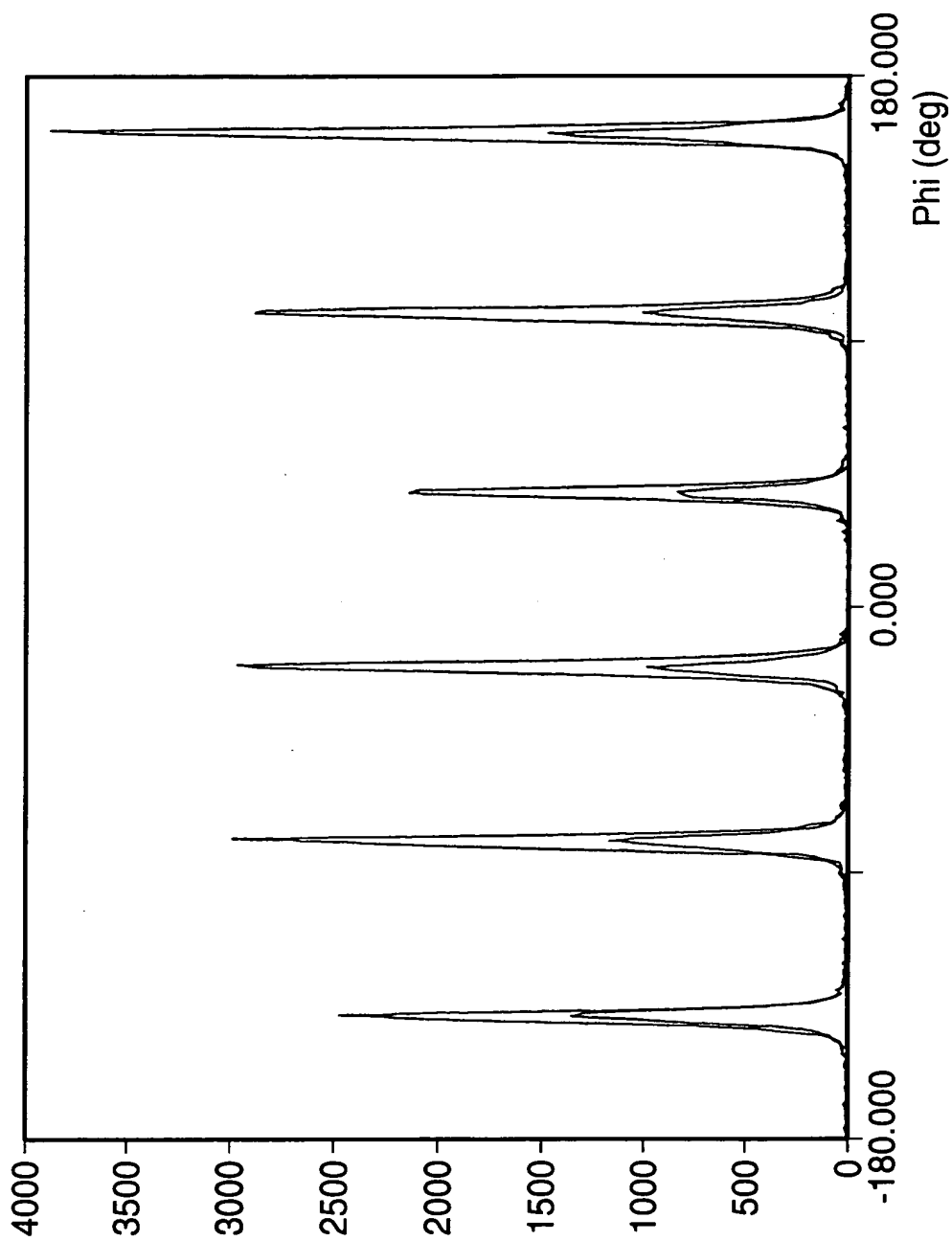


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FIG.13



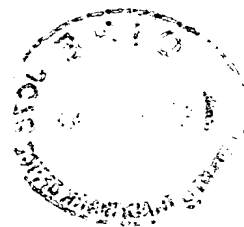


FIG.14

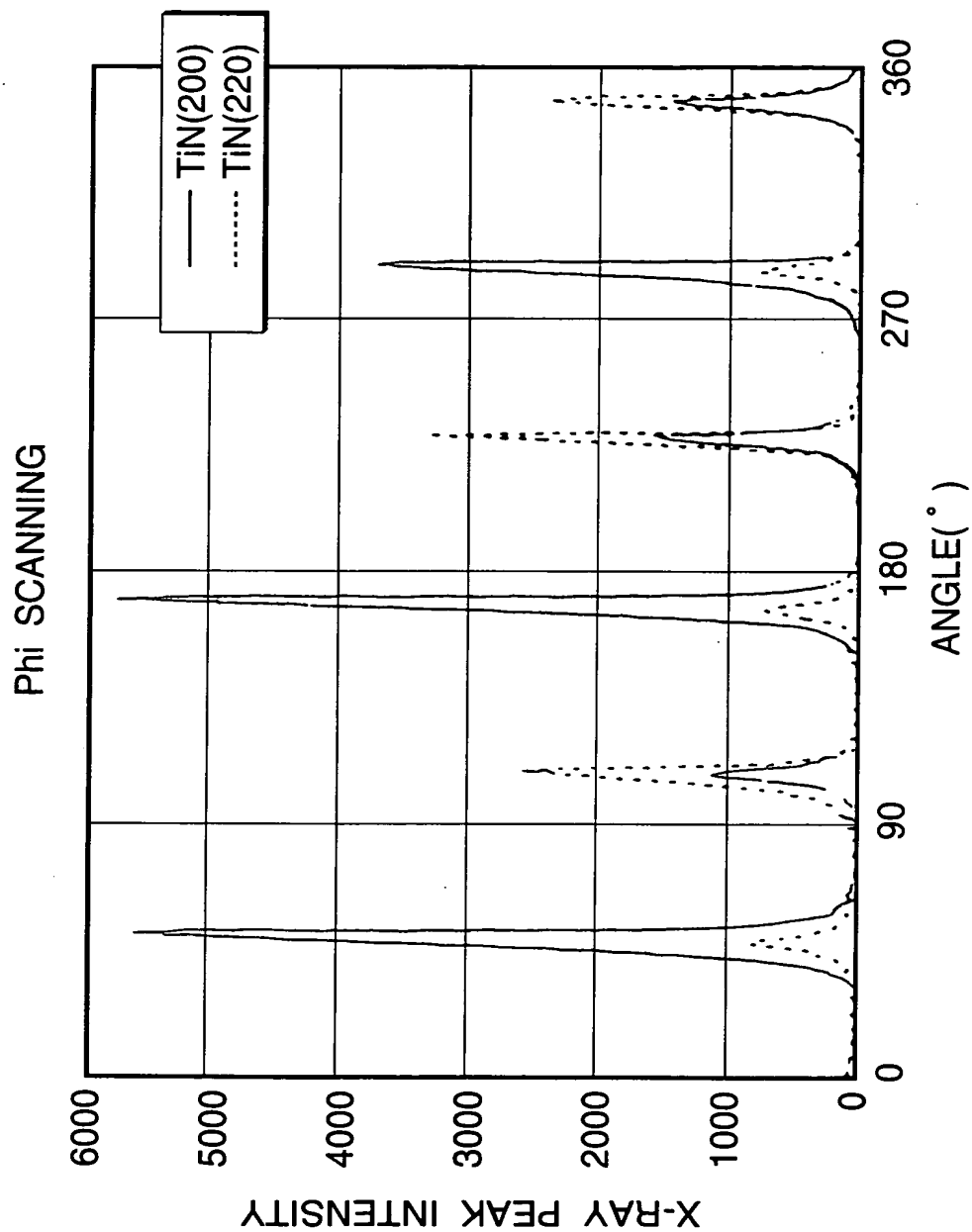
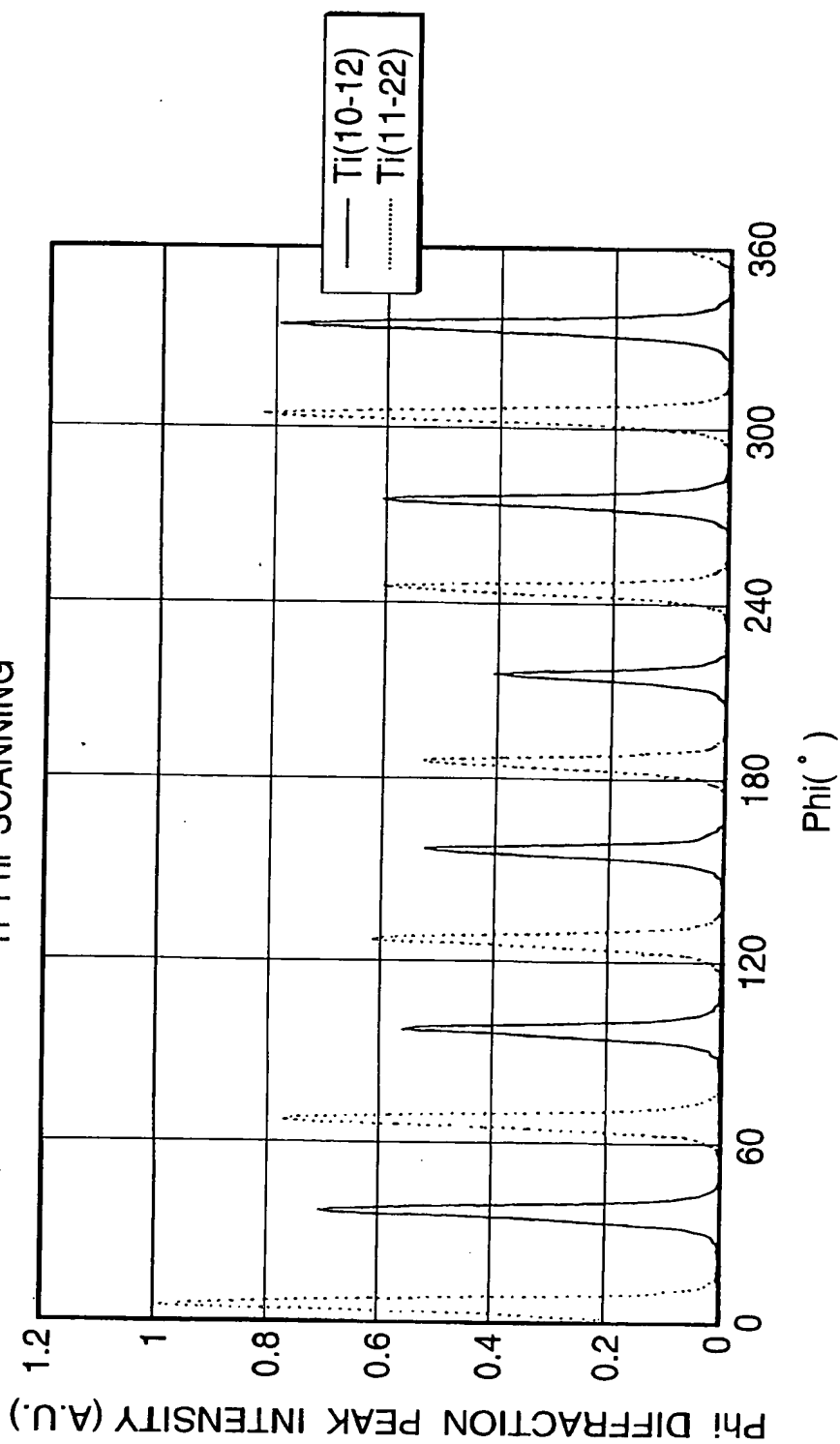




FIG.15

Ti (15000Å)/TiN (5000Å)/Al/Si
Ti Phi SCANNING

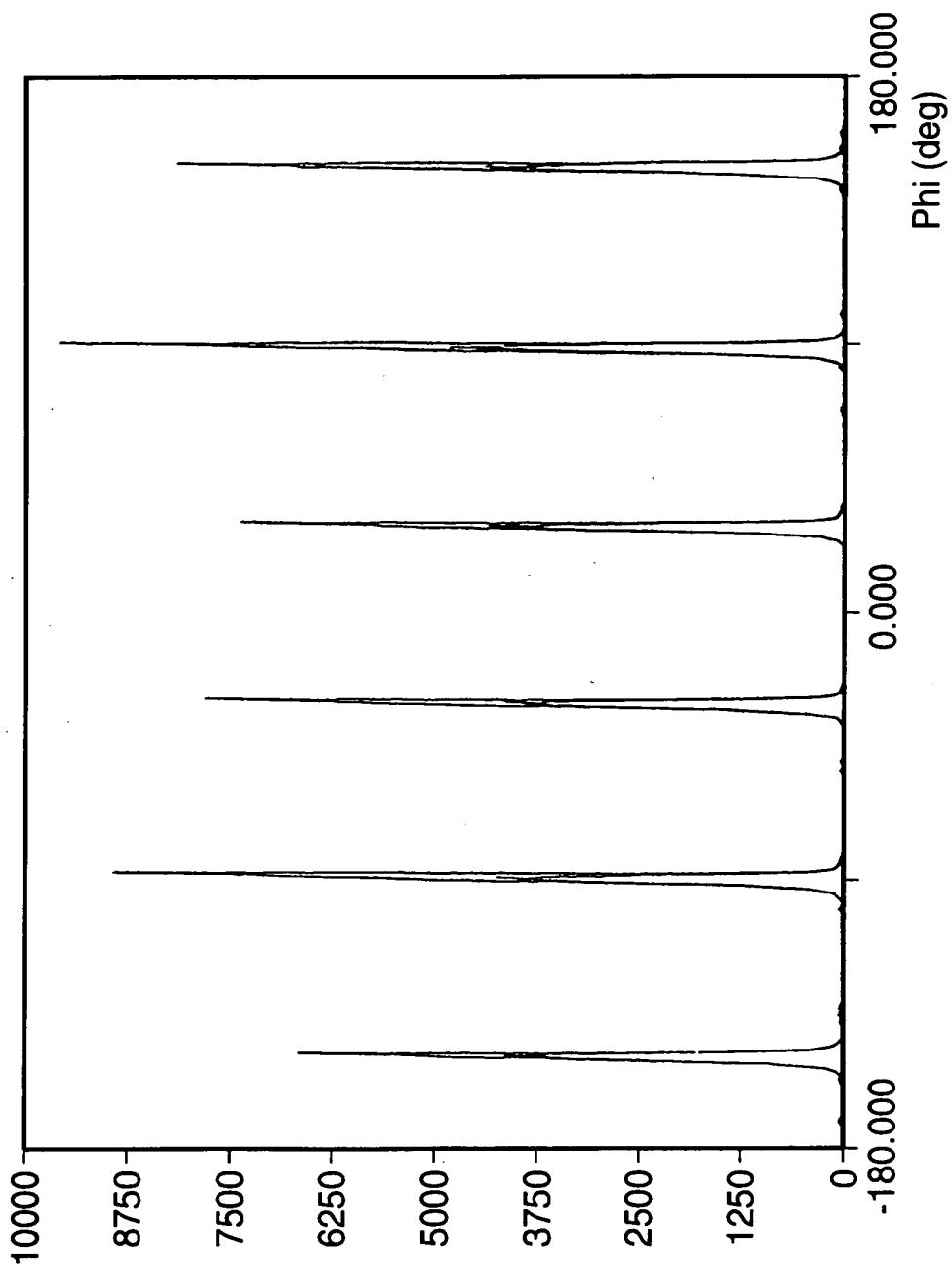


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FIG.16

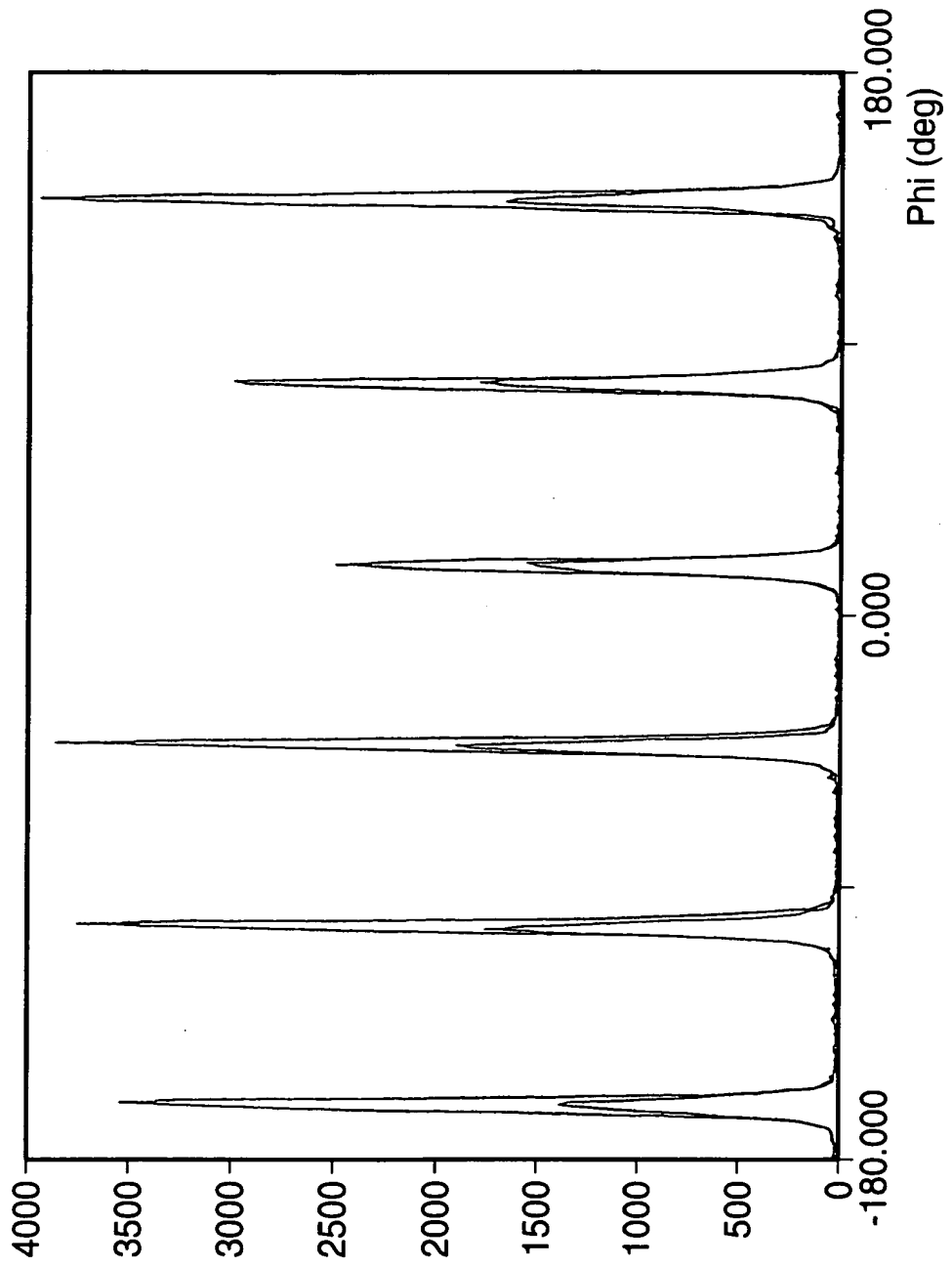


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FIG.17

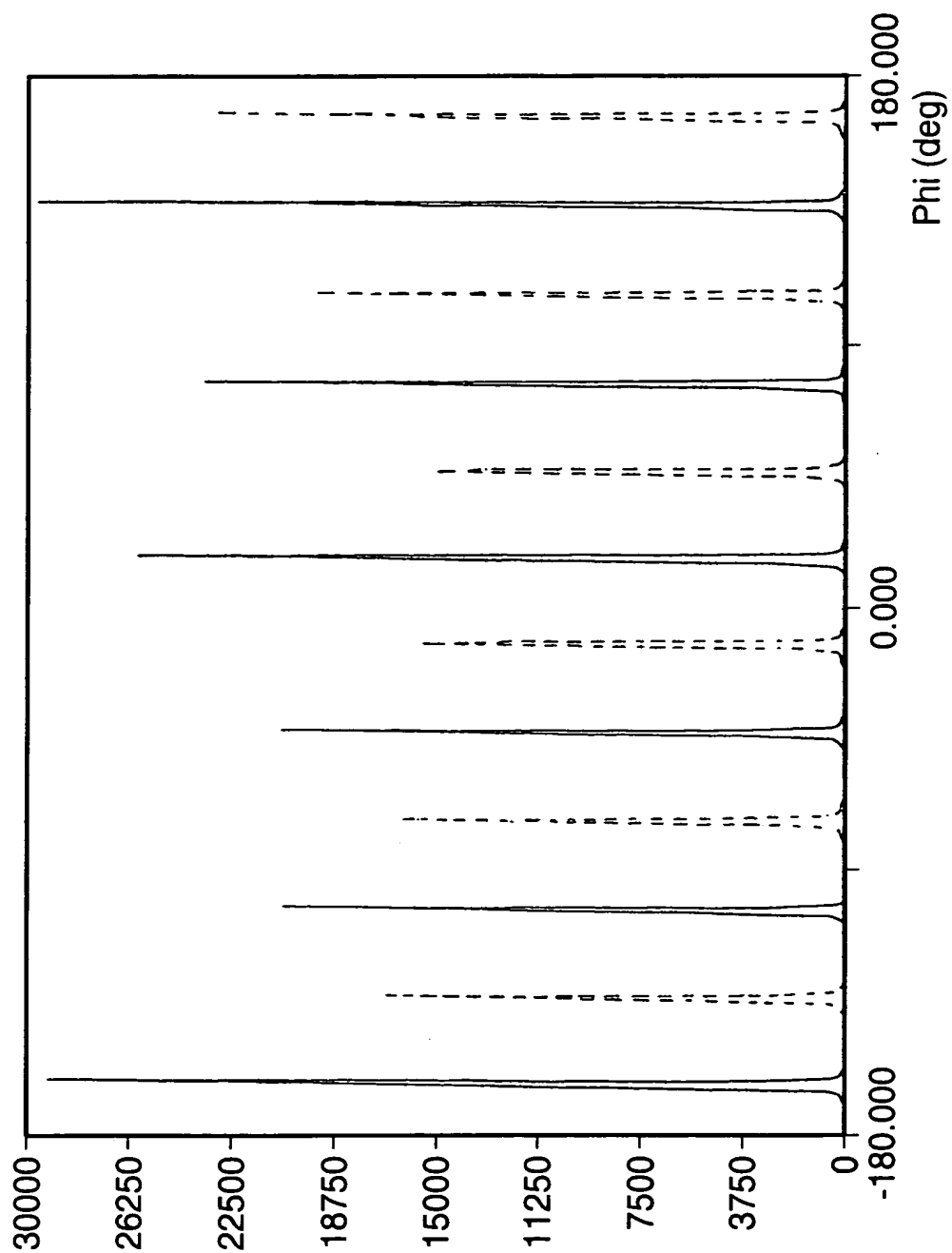


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FIG.18



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FIG.19

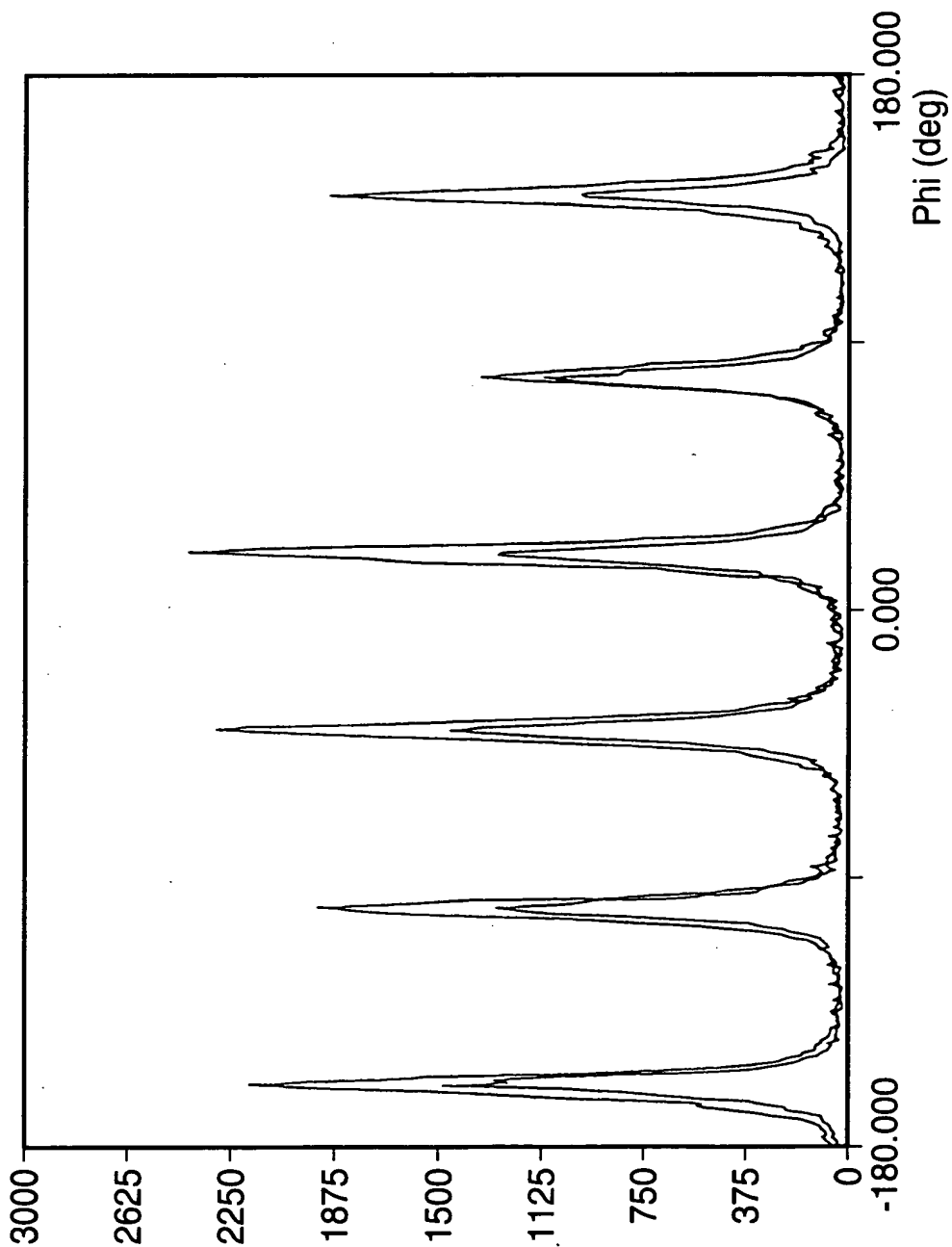




FIG.20

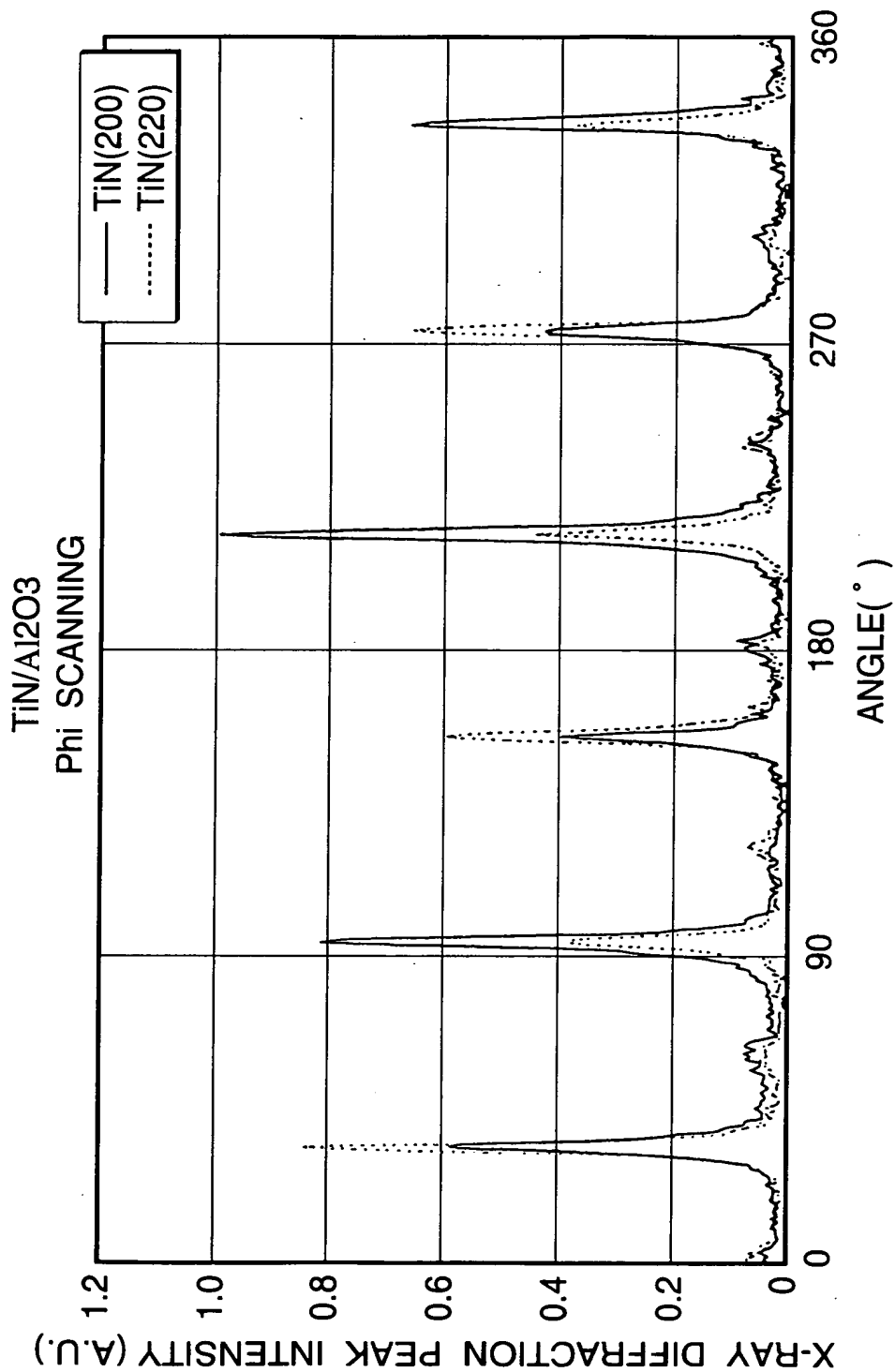


FIG.21

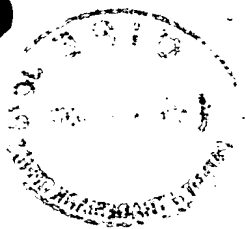
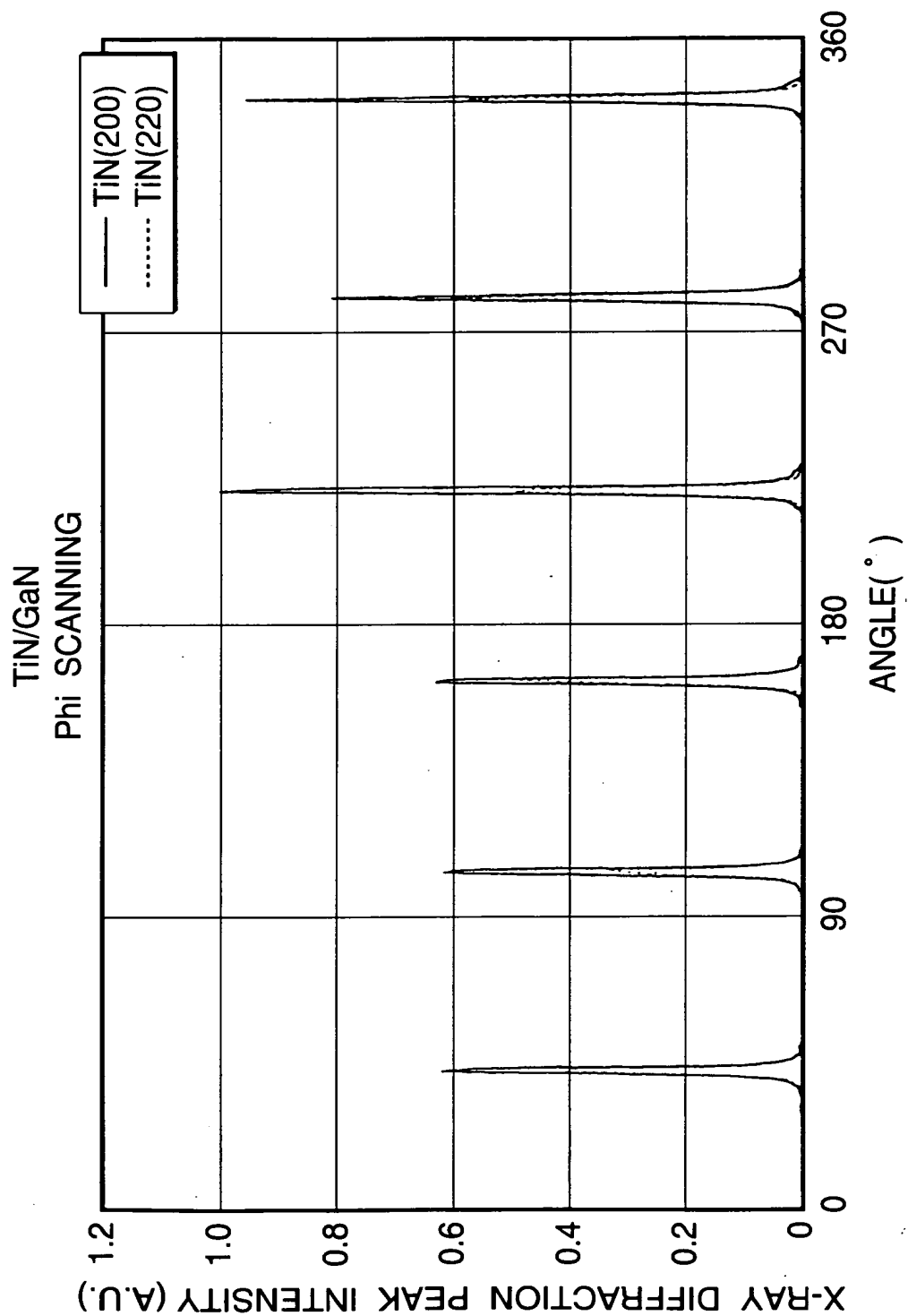
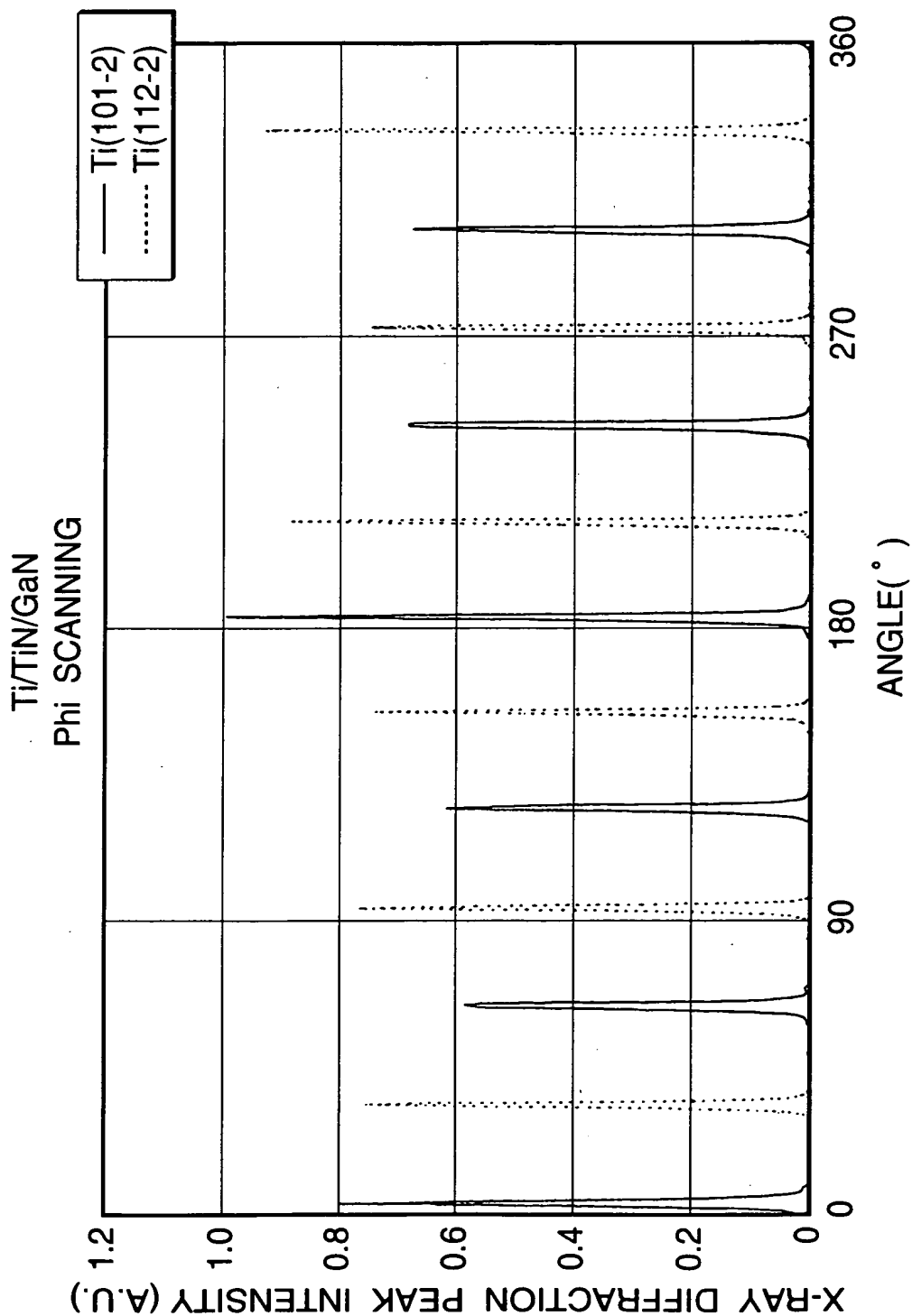




FIG.22



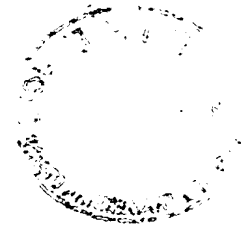
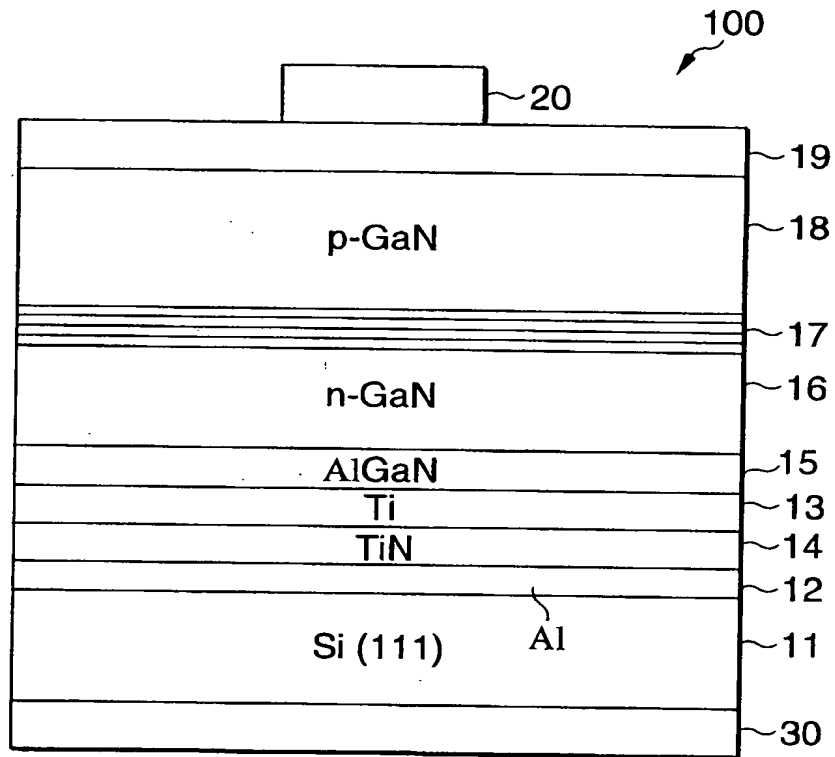


FIG.23



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FIG.24

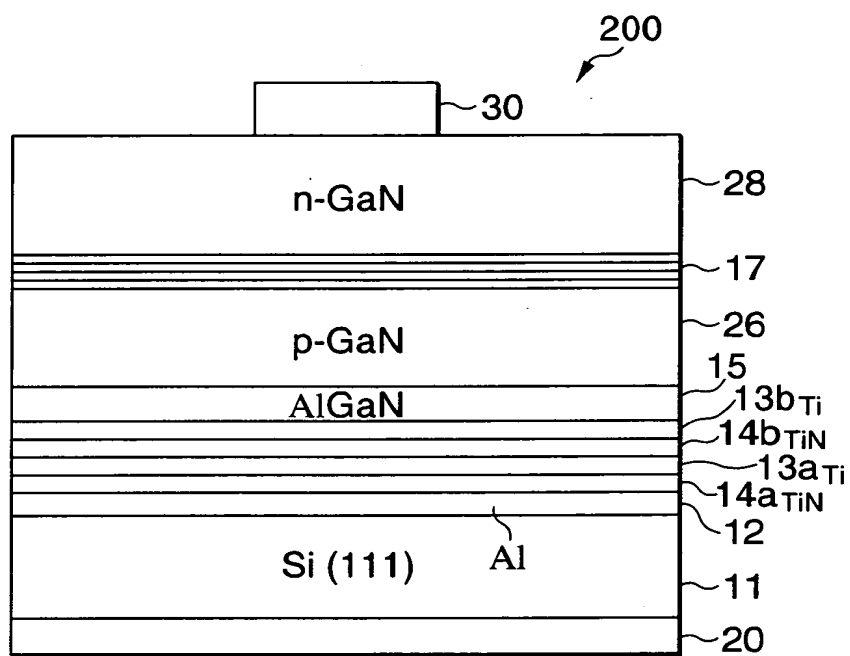
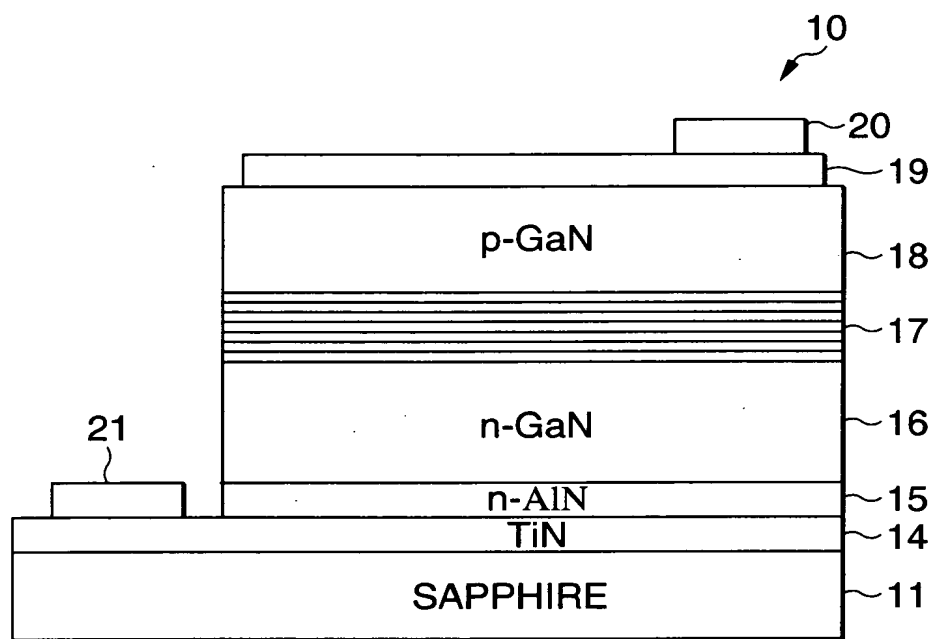




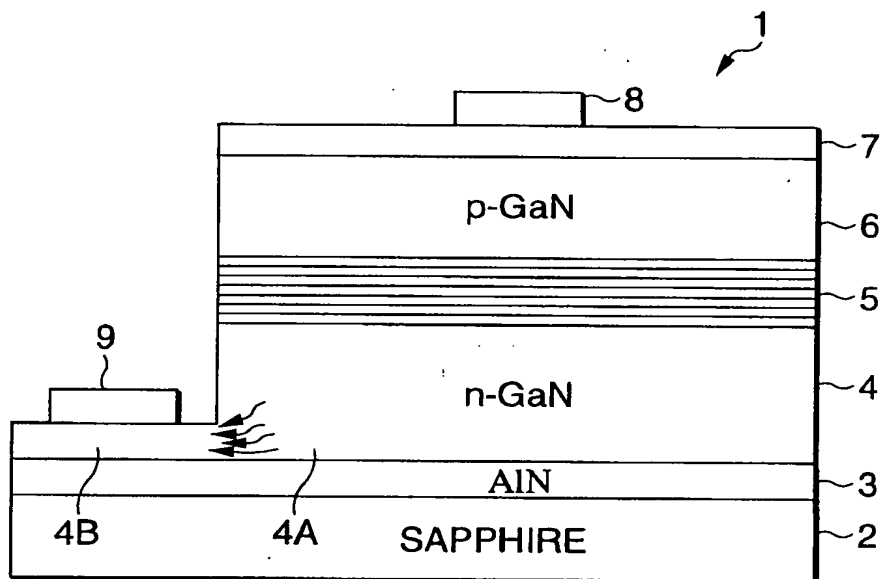
FIG.25



40020450.040502



FIG.26



205040" 09402001